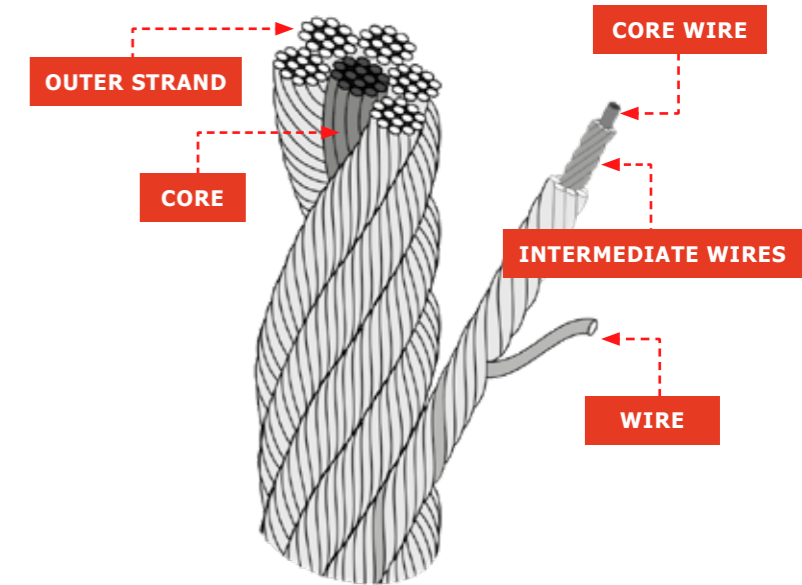
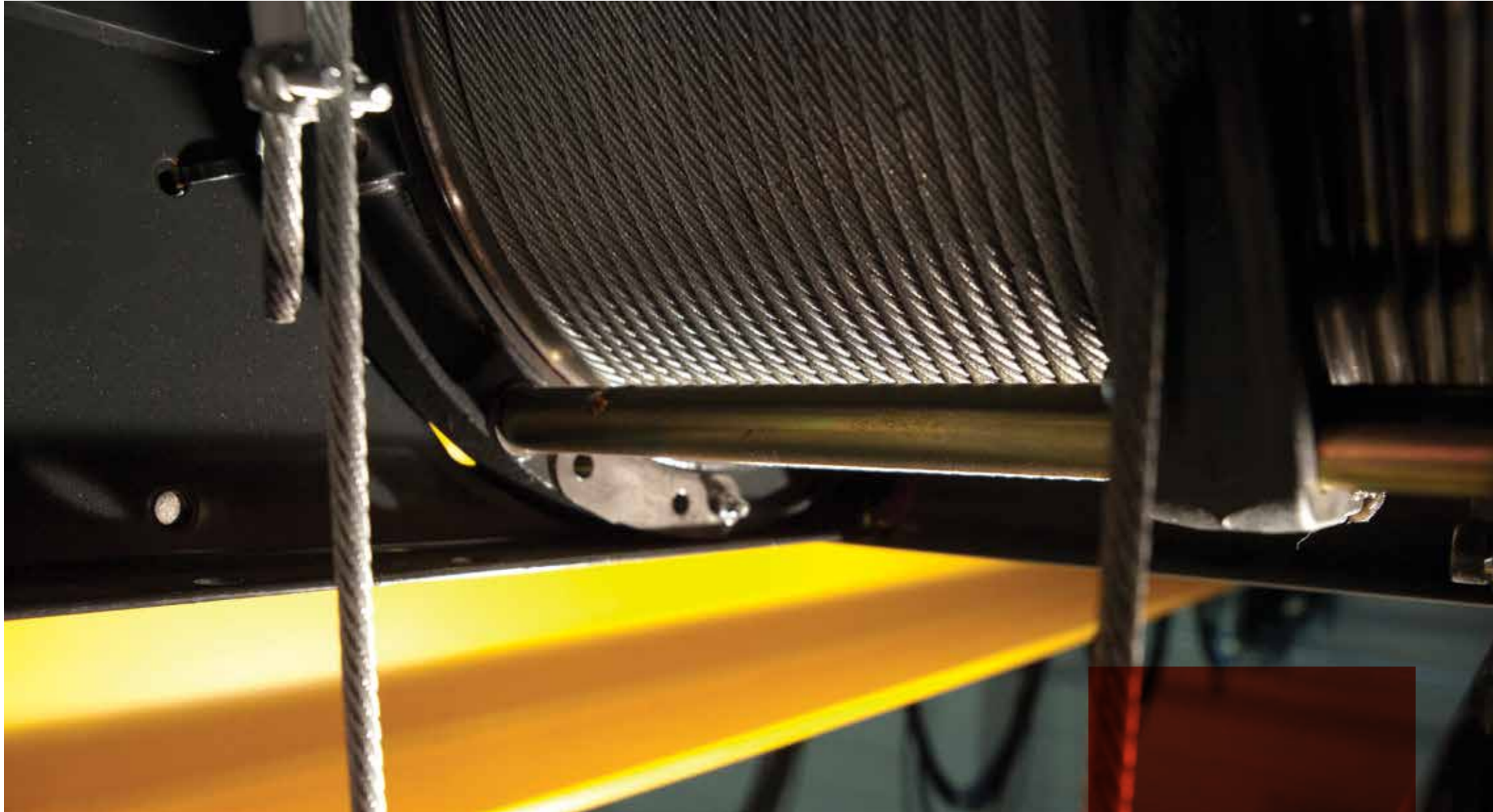


CONSULTATION SERVICES

# RopeQ™ Magnetic Rope Inspection





**RopeQ is recommended for any wire rope application and is particularly useful in the following situations:**

- Process cranes in constant use
- Cranes that are used only occasionally
- Ropes that are particularly hard to inspect visually
- Post-accident inspections



## Inspecting what you cannot see

Wire ropes are one of the most critical parts of your wire rope hoists, and they can contain hundreds of individual strands. Broken strands on the rope exterior can be found by visual inspections, but the condition of the core and inner wire strands cannot be seen.

To evaluate the safety of a wire rope, you need to know what's happening both on the outside and on the inside. That's why Konecranes offers the RopeQ Magnetic Rope Inspection.

Many wire rope structures start to wear from the inside out. A worn wire rope can be a major safety hazard

and cause production losses. Why wait for a scheduled change when you can make decisions based on the actual condition of the rope?

RopeQ assesses the condition of a wire rope based on a visual and magnetic inspection. The inspection utilizes magnetic-inductive leakage technology to provide accurate data of the interior of the rope and exterior condition. The thorough visual inspection can cover all rope reeving components and other elements that may affect rope life.

### BENEFITS

- Improved safety from detecting non-visible defects
- Optimized wire rope change interval
- Repeatable and reliable results
- A report that is easy to read and interpret, completed with recommendations for action
- Helps fulfill statutory requirements for occasional-use equipment that has been idle

**Konecranes is a world-leading group of Lifting Businesses™, serving a broad range of customers, including manufacturing and process industries, shipyards, ports and terminals. Konecranes provides productivity enhancing lifting solutions as well as services for lifting equipment of all makes. In 2017, Group sales totaled EUR 3,136 million. The Group has over 16,000 employees at 600 locations in 50 countries. Konecranes shares are listed on the Nasdaq Helsinki (symbol: KCR).**

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**Learn more about RopeQ  
Magentic Rope Inspection**

**[konecranes.com](http://konecranes.com)**